

**PROGRAM PLAN FOR AN UNDERGRADUATE
 MINOR in ENERGY SCIENCE AND ENGINEERING**

- Courses taken to fulfill the requirements for the minor must be taken for a letter grade, if the option is offered.
- Any changes to your program must be discussed with your advisor and written approval must be obtained prior to enrolling in the course. Provide copy of approval to Student Services.

NAME: _____

ID: _____

Required Courses:

Number	Title	Units	Term	Substitute	Units	Approval & Date
ENERGY 101	Energy and the Environment	3				
ENERGY 120	Fundamentals of Petroleum Engineering	3				
ENERGY 160	Uncertainty Quantification in Data-Centric Simulations	3				

Electives (Select three courses from this list and enter the term in which you plan to take the course):

Number	Title	Units	Term	Substitute	Units	Approval & Date
ENERGY 102	Fundamentals of Renewable Power	3				
ENERGY 104	Sustainable Energy for 9 Billion	3				
ENERGY 112	Exploring Geosciences with MATLAB	3				
ENERGY 121	Fundamentals of Multiphase Flow	3				
ENERGY 141	Seismic Reservoir Characterization	3-4				
ENERGY 153	Carbon Capture and Sequestration	3-4				
ENERGY 175	Well Test Analysis	3				
ENERGY 180	Oil and Gas Production Engineering	3				
ENERGY 269	Geothermal Reservoir Engineering	3				
GEOLSCI 106	Sediments: The Book of Earth's History	3				
GEOPHYS 182	Reflection Seismology	3				

Total Number of Units included on Form: _____

Term/Year of Expected Graduation: _____

 Student Signature Date

 Advisor Signature Date

 Student Services Signature Date